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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/821,082	03/30/2001	Masahiro Odashima	Q63805	4078

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SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, DC 20037-3202

EXAMINER

CUMMING, WILLIAM D

ART UNIT	PAPER NUMBER
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2683

DATE MAILED: 04/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/821,082

Applicant(s)

ODASHIMA, YAMANAKA, SAKUMA

Examiner

WILLIAM D CUMMING

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>5</u> . | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Specification

2. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

3. The disclosure is objected to because of the following informalities:

The specification, in the summary, refers to claim 1. Claims must stand on their own accord. Plus, claims can be amended or cancelled, and hence, that the original claim referred in the specification may not be the same claim when patented, causing confusion on what is the invention.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

6. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

7. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Alpert** in view of **Cappadona** or **Kroll, et al.**

Alpert discloses a wireless terminal (figure 3A) for a mobile unit (figure 7, #12) which is mounted in a mobile unit (figure 2) and conducts communication with a wireless base station (#15, 18) through wireless. The wireless terminal (figure 3A) comprising an operating section (#52) for starting the communication with the wireless base station (#15, 18) and a controller (#70) for allowing an information output from the wireless terminal (figure 3A) to the wireless base station (#15, 18) in response to a fact that the operating section (#52) has been operated.

Alpert does not disclose allowing **only** an information output from the wireless terminal to the wireless base station in response to a fact that the operating section has been operated

Cappadona or **Kroll, et al** teaches the use of allowing **only** an information output from the wireless terminal to the wireless base station in response to a fact that the operating section has been operated (figure 1, #12, in **Cappadona** or in figure 2, #16, in **Kroll, et al**) in a wireless terminal for the purpose of providing an economical emergency cellular phone that can be operated without the need to pay a monthly access fee. Hence it would have been obvious to one of ordinary skill in the art at the time the claimed invention was made to incorporate the use of allowing **only** an information output from the wireless terminal to the wireless base station in response to a fact that the

operating section has been operated, as taught by Cappadona or Kroll, et al, for the purpose of providing an economical emergency cellular phone that can be operated without the need to pay a monthly access fee in the cordless terminal Alpert in order for the wireless terminal to be used only for emergency communications.

Alpert, Kroll, et al, and Cappadona all disclose wherein said controller allows an information output from the wireless base station in response to the fact that the operating means has again been operated when having allowed only the information output from the wireless terminal to the wireless base station in response to the fact that the operating section has been operated.

Both **Kroll, et al** and **Cappadona** teaches wherein said controller allows an information output from the wireless base station in response to the fact that the operating section has again been operated a predetermined period of time after the operating section has been operated when having allowed only the information output from the wireless terminal to the wireless base station in response to the fact that the operating means has been operated. Note #16 in Cappadona and figure 6, #208, 210. Hence it would have been obvious to one of ordinary skill in the art at the time the claimed invention was made to incorporate the use said controller allows an information output from the wireless base station in response to the fact that the operating section has again been operated a predetermined period of time after the operating section has been operated when having allowed only the information output from the wireless terminal to the

wireless base station in response to the fact that the operating means has been operated, as taught by **Cappadona** or **Kroll, et al**, for the purpose of providing an economical emergency cellular phone that can be operated without the need to pay a monthly access fee in the cordless terminal **Alpert** in order for the wireless terminal to be used only for emergency communications.

As understood, **Alpert, Kroll, et al**, and **Cappadona** all disclose controller allows a voice information output (the audio from the speaker) from the wireless base station in response to a voice output request message (the audio is modulated on a signal, like an analog or digital signal) sent from the wireless base station when having allowed only the information output from the wireless terminal to the wireless base station in response to the fact that the operating means has been operated. This feature is almost inherent on all cellular or wireless telephones. You must push or operate a button to answer a call and cellular or wireless telephone sends a message to the base station in order to set up the voice channel from the base station.

8. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over **Alpert** in view of **Cappadona** or **Kroll, et al** as applied to claim 1 above, and further in view of **Radley**.

Radley teaches the use of controller (figure2 #DIS and inherent) allows an image information output from the wireless base station (figure 1, #TELECOMMUNICATION SYSTEM and inherent) in response to an image output request message (the image is modulated on a signal, like a digital signal) sent from the wireless base station (#TELECOMMUNICATION SYSTEM and inherent) when having allowed only the information output from the wireless terminal to the wireless base station (#TELECOMMUNICATION SYSTEM and inherent) in response to the fact that the operating means (#KB) has been operated (This feature is almost inherent on all cellular or wireless telephones. You must push or operate a button to answer a call and cellular or wireless telephone sends a message to the base station in order to set up a channel from the base station) for the purpose of transmit a picture of a person talking to the user. Hence, it would have been obvious to incorporate the use of controller allows an image information output from the wireless base station in response to an image output request sent from the wireless base station when having allowed only the information output from the wireless terminal to the wireless base station in response to the fact that the operating means has been operated, as taught by **Radley**, in the wireless terminal of **Alpert** in view of **Cappadona** or

Kroll, et al as applied to claim 1 above in order transmit a picture of a person talking to the user for psychological comfort.

Response to Amendment

9. AMENDMENTS NOW MUST BE SUBMITTED IN REVISED FORMAT

All amendments received by the Office on or after July 30, 2003 must be in compliance with the rules as required by the Revised Amendment Practice. This practice requires the submission of an amendment document that includes separate sections for amendments to the claims, drawings, specification and abstract, each beginning on a new sheet of paper. If an amendment is received as a preliminary amendment or as a *bona fide* reply under 37 CFR 1.111, that has compliant amendments to one or more separate section(s), but also includes one, or more, separate section(s) with non-compliant amendments, the Office will mail a Notice of Non-Compliant Amendment requiring correction to the non-compliant section(s) within a time period set by the Office. When making corrections, applicant should just resubmit the needed corrected section(s), and correspondingly, should not resubmit the entire amendment document. For example, if the amendment included compliant amendments to the specification and claims, and non-compliant amendments to the drawings, a notice requiring resubmission of compliant amendments to the drawings would be sent. In reply to the notice, applicant should only submit a compliant amendment to the drawings, and not the previously compliant amendments to the specification and claims. If any additional, or further, amendments to the claims are desired, the changes must be made relative to the previous compliant amendment to the claims. The Office will consider both the previous compliant amendment to the claims, and the supplemental compliant amendment to the claims, after the Office receives the compliant amendment to the drawings.

An amendment submitted on or after July 30, 2003 as part of a reply after the close of prosecution (e.g., as a reply under 37 CFR 1.116) that is not compliant with the Revised Amendment Practice will not act to toll the outstanding time period. See 37 CFR 1.135(c). A notice (e.g., an advisory action) may be mailed by the Office specifying which section(s) of the amendment was not in compliance with the Revised Amendment Practice, but no new time period will be given to provide a compliant section.

REVISED FORMAT OF AMENDMENTS

Begin on separate sheets:

Each section of an Amendment (e.g., Claim Amendments, Specification Amendments, Remarks) should begin on a separate sheet. *For example*, in an amendment containing a.) introductory comments, b.) amendments to the claims, c.) amendments to the specification, and d.) remarks, each of these sections should begin on a separate sheet. This will facilitate the process of separately indexing and scanning of each part of an amendment document for placement in an electronic file wrapper.

Two versions of amended part(s) no longer required:

The current requirement in 37 CFR 1.121(b) and (c) to provide two versions (a clean version and a marked up version) of each replacement paragraph, section, substitute specification or claim will be waived where an amendment is submitted in the following format:

A) Amendments to the claims:

Each amendment document that includes a change to an existing claim, or submission of a new claim, **must include a complete listing** of all claims in the application. After each claim number, the status must be indicated in a parenthetical expression, and the text of each claim under examination (with markings to show current changes) must be presented. The listing will serve to replace all prior versions of the claims in the application.

(1) The current status of all of the claims in the application, including any previously canceled or withdrawn claims, must be given. Status is indicated in a parenthetical expression following the claim number by one of the following: (original), (currently amended), (previously amended), (canceled), (withdrawn), (new), (previously added), (reinstated – formerly claim #_), (previously reinstated), (re-presented – formerly dependent claim #_), or (previously re-presented). The text of all pending claims under examination must be submitted each time any claim is amended. Canceled and withdrawn claims should be indicated by only the claim number and status.

(2) All claims being currently amended must be presented with markings to indicate the changes that have been made relative to the immediate prior version. The changes in any amended claim should be shown by strikethrough (for deleted matter) or underlining (for added matter). An accompanying clean version is not required and should not be presented. Only claims of the status "currently amended" will include markings.

(3) The text of pending claims not being amended must be presented in clean version, i.e., without any markings. Any claim presented in clean version will constitute an assertion that it has not been changed relative to the immediate

prior version.

- (4) A claim may be canceled by merely providing an instruction to cancel. Listing a claim as canceled will constitute an instruction to cancel. Any claims added by amendment must be indicated as (new) and shall not be underlined.
- (5) All of the claims in each amendment paper must be presented in ascending numerical order. Consecutive canceled or withdrawn claims may be aggregated into one statement (e.g. Claims 1 – 5 (canceled)).

Example of listing of claims:

Claims 1-5 (canceled)

Claim 6 (withdrawn)

Claim 7 (previously amended): A bucket with a handle.

Claim 8 (currently amended): A bucket with a green blue handle.

Claim 9 (withdrawn)

Claim 10 (original): The bucket of claim 8 with a wooden handle.

Claim 11 (canceled)

Claim 12 (new): A bucket with plastic sides and bottom.

Claim 13 (previously added): A bucket having a circumferential upper lip.

Claim 14 (re-presented – formerly claim 11): A black bucket with a wooden handle.

B) Amendments to the specification:

Amendments to the specification may be made by presenting a replacement paragraph, section or substitute specification marked up to show changes made relative to the immediate prior version. An accompanying clean version is not required and should not be presented.

C) Amendments to drawing figures:

Drawing changes may be made by presenting replacement figures which incorporate the proposed changes and which comply with § 1.84. An explanation of the changes made must be presented in the remarks section of the amendment. If the changes to the drawing figure(s) are not approved by the examiner, applicant will be informed in the next Office action. Any replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even though only one figure may be amended. The figure or figure number of the amended drawing should not be labeled as “amended.”

Any questions regarding the submission of amendments pursuant to the revised practice set forth in this flyer should be directed to the following legal advisors in the Office of Patent Legal Administration (OPLA): Elizabeth Dougherty (Elizabeth.Dougherty@uspto.gov), Gena Jones (Eugenia.Jones@uspto.gov) or Joe Narcavage (Joseph.Narcavage@uspto.gov). For information on the waiver or legal aspects of the prototype, please contact Jay Lucas (Jay.Lucas@uspto.gov), Senior Legal Advisor (PCTLA) or Rob Clarke (Robert.Clarke@uspto.gov), Senior Legal Advisor (OPLA). Alternatively, further information may be obtained by calling OPLA at (703) 305-1616.

10. **Patent Application Publications May Now Include Amendments**

As a consequence of the use of Image File Wrappers (IFW), the United States Patent and Trademark Office (Office) has begun to publish patent applications with amendments that expedite the publication process. For example, the patent application publication may be based upon amendments to the specification that are reflected in a substitute specification, an amendment to the abstract, amendments to the claims that are reflected in a complete claim listing, and amendments to the drawings that are reflected in replacement drawing sheets, provided that such substitute specification or amendment is submitted in sufficient time to be entered into the application file wrapper before technical preparations for publication of the application have begun. Technical preparations for publication of an application generally begin between fourteen and nine weeks prior to the projected date of publication (the projected publication date is indicated on the filing receipt for the patent application). Accordingly, the provisions 37 CFR 1.215(a) are waived to the extent that they are inconsistent with this change in practice. 37 CFR 1.215(a) will be revised consistent with this change in practice, when the rule changes proposed in Changes To Support Implementation of the United States Patent and Trademark Office 21st Century Strategic Plan, 68 Fed. Reg. 53816 (Sept. 12, 2003), 1275 Off. Gaz. Pat. Office Notices 23 (Oct 7, 2003) are made final.

Although the Office has begun to include amendments in patent application publications, applicants desiring to ensure that a patent application publication reflects an amendment should submit the application, as amended, through the Electronic Filing System (EFS). See 37 CFR 1.215(c). See also Helpful Hints Regarding Publication of Patent Applications, 1249 Off. Gaz. Pat. Office Notices 83 (August 21, 2001). In addition, if the application is not maintained in an IFW, and the amended application is not submitted through EFS, a petition under 37 CFR 1.182 will continue to be necessary for certain drawings to be included in the patent application publication. See Manual of Patent Examining Procedure, Section 507 (8th ed. 2001, rev. 1, Feb. 2003).

General questions regarding publication of patent applications should be directed to the Customer Service Center, Office of Patent Publication, by telephone at (703) 305-8283. Questions regarding the Electronic Filing System should be directed to (703) 305-3028. Questions of a legal nature should be directed to the Office of Patent Legal Administration at (703) 308-6906.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Osmani, et al disclose a disposable portable radiotelephone subscriber unit (101) comprises a power supply (255), a transceiver (205, 207) and a controller (215). The power supply (255) has stored therein a predetermined measure of power capacity (281). The transceiver (205, 207) is permitted to operate for a predetermined period of time (405) responsive to the predetermined measure of the power capacity (281). The controller (215) monitors a rate of depletion of the predetermined measure of the power capacity (281). The controller (215) permits operation of the transceiver (205, 207) when the power capacity (281) is being depleted at a desirable rate, thereby decreasing the predetermined period of time (405) that the transceiver (205, 207) is permitted to operate. The controller (215) prevents operation of the transceiver (205, 207) when the power capacity (281) is being depleted at an undesirable rate, thereby prolonging the predetermined period of time (405) that the transceiver (205, 207) is permitted to operate. Alternatively, the power supply (255) may be a memory unit (259) and the power capacity (281) may be calling time (279) or a future electronic date (275).

Altschul discloses a disposable wireless telephone and a method of using a disposable wireless telephone capable of use for telephonic communications only during a predetermined limited period, after which period the telephone is rendered inoperative and is discarded.

Alschul, et al show disposable wireless telephone and a method of using a disposable wireless telephone capable of use for telephonic communications only for a limited period, within which limited period the sum of the durations of the telephonic communications reach the duration of the limited period, after which limited period the telephone is rendered inoperative and is discarded.

Spitaledda, et al teach a nonreusable cellular telephone includes a programmable timer for providing a predetermined period of calling time during which the cellular phone may be used for cellular communications. The amount of remaining calling time is monitored and the phone is disabled when the calling time has expired rendering the phone inoperative so that it may be disposed of.

12. Patent Customers Advised to FAX Communications to USPTO

Facsimile transmissions of communications to the Office can significantly expedite processing of the communication within the Office. For example, when an assignment document is faxed to the Office, the average cycle time to process, record, and send a notice of recordation is one calendar day, whereas when the document is mailed to the Office, the average cycle time is 113 calendar days. See Status of Office of Public Records Services, 1269 Off. Gaz. Pat. Office 19,20 (April 1, 2003).

With many of the facsimile numbers provided below (i.e., those numbers below with 746 or 872 after the area code in the facsimile number), a return receipt will be automatically generated that will include the number of pages received as well as the date and time the facsimile was received. Additionally, the return receipt will include an image of the received cover page. The return receipt will be automatically sent to the sender's facsimile machine so long as the sender's facsimile number is properly programmed in the sending facsimile machine, and the sender's facsimile machine is available to receive a fax immediately following the original transmission. (Note that with area code changes, or with movement of a facsimile machine from one number to another, the facsimile machine's number may need to be reprogrammed.) Even if a return receipt is not desired, at least the first page of the facsimile transmission must clearly indicate the date and time the transmission is sent, an identification of the business, other entity, or individual sending the transmission, and the telephone number of the sending machine or of such business, other entity, or individual. See 47 U.S.C. 227(d)(1)(B) and 47 CFR 68.318(d). A return receipt will be attempted to be sent several times, but if a busy signal is repeatedly received, a return receipt will not be received by the sender. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to an Office action by facsimile (see 37 CFR 1.6 and 1.8). Applicants are also advised to retain the return receipt in the event that the Office has no record of the facsimile submission.

PTO Form 2038 should be used when authorizing payment by credit card; this form is maintained separate from the file to ensure confidentiality. Note that current processing of assignment documents now permits use of a credit card, but that PTO form 2038 should be used to prevent credit card information from being included in public records. Form PTO-2038 may be downloaded at <http://www.uspto.gov/web/forms/2038.pdf> from the USPTO website.

Faxes to the Office of Initial Patent Examination

Responses to notices from the Office of Initial Patent Examination (OIPE) and requests for corrected filing receipts may be filed by facsimile. New applications (other than continued prosecution applications (CPAs) under 37 CFR 1.53(d)) may not be filed by facsimile. The following is a list of Official Facsimile Numbers for the OIPE:

Fax number for corrected Filing Receipt Requests: 703-746-9195

Fax number for Response to Notice to File

Missing Parts (drawings may not be submitted by fax): 703-746-4060

Telephone number for Customer Service: 703-308-1202

Faxes to the Technology Centers

In addition, communications may be faxed to the Technology Centers. The following is a list of Official Facsimile Numbers for the Technology Centers:

TC1600:

Before Final: 703-872-9306

After Final: 703-872-9307

Customer Service: 703-872-9305

Telephone number for customer service: (703) 308-0198

TC2800:

Before Final: 703-872-9318

After Final: 703-872-9319

Customer Service: 703-872-9317

Telephone number for customer service: (703)306-3329

TC1700:

Before Final: 703-872-9310

After Final: 703-872-9311

Customer Service: 703-872-9309

Telephone number for customer service: (703)306-5665

TC2900:

Before Final: 703-872-9322

After Final: 703-872-9323

Customer Service: 703-872-9321

Telephone number for customer service: (703)306-5648

TC2100:

Before Final: 703-746-7239

After Final: 703-746-7238

Customer Service: 703-746-7240

Telephone number for customer service: (703)306-5631

TC3600:

Before Final: 703-872-9326

After Final: 703-872-9327

Customer Service: 703-872-9325

Telephone number for customer service: (703)306-5771

TC2600:

Before Final: 703-872-9314

After Final: 703-872-9315

Customer Service: 703-872-9313

Telephone number for customer service: (703)306-0377

TC3700:

Before Final: 703-872-9302

After Final: 703-872-9303

Customer Service: 703-872-9301

Telephone number for customer service: (703)306-5648

Faxes to the Office of Patent Publication

Patent applicants are also reminded that 37 CFR 1.6(d) permits payment of an issue fee and a publication fee (if required) by facsimile transmission. When drawings are submitted with payment of an issue fee, they may be submitted by facsimile, although applicants are reminded that the facsimile process may reduce the quality of the drawings, and the Office will generally print the drawings received.

The applicable telephone numbers for payment of the issue and/or publication fee(s) by facsimile transmission are as follows:

Fax number for Issue Fee
(and any Publication Fee) Payments: (703) 746-4000

Telephone number to check on receipt
of payment (with Office of Patent Publication): (703) 305-8283

The Office of Patent Publication also handles many matters related to publication of patent applications. For example, express abandonments under 37 CFR 1.138(c) are handled by the Pre-Grant Publication Division of the Office of Patent Publication. In addition, requests to rescind a nonpublication request and notices of foreign filing should be directed to the Pre-Grant Publication Division. Questions regarding publication of patent applications (or rescissions of nonpublication requests) may also be directed by e-mail to pgpub@uspto.gov.

Fax number for PGPUB correspondence: (703) 305-8568

Telephone number for the Pre-Grant Publication Division: (703) 605-4283

Faxes of Assignment Documents

Facsimile transmission to record an assignment or other documents affecting title is also accepted. This process allows customers to submit their documents directly into the automated Patent and Trademark Assignment System and receive the resulting recordation notice at their fax machine. Credit card payments to record assignment documents are now accepted, but use of the credit card form (PTO Form-2038) is required for the credit card information to be separated from the assignment records. Only documents with an identified patent application or patent number, a single cover sheet to record a single type of transaction, and the fee paid by a USPTO deposit account or credit card

may be submitted via facsimile. Please refer to our Web Site, at <http://www.uspto.gov/web/offices/ac/ido/opr/ptasfax.pdf> for more information regarding the submission of assignment documents via facsimile.

Fax number for Automated Patent
and Trademark Assignment system: 703-306-5995

Telephone number for Assignment
Division for assistance: 703-308-9723

Faxes to the Office of Petitions

Applicable correspondence may be submitted to the Office of Petitions via facsimile. For questions concerning Petitions, contact the Office of Petitions at the numbers below:

Fax number for the Office of Petitions: 703-308-6916

Telephone number for customer service and inquiries: 703-305-9282

13. If applicants wish to request for an interview, an *"Applicant Initiated Interview Request"* form (PTOL-413A) should be submitted to the examiner prior to the interview in order to permit the examiner to prepare in advance for the interview and to focus on the issues to be discussed. This form should identify the participants of the interview, the proposed date of the interview, whether the interview will be personal, telephonic, or video conference, and should include a brief description of the issues to be discussed. A copy of the completed *"Applicant Initiated Interview Request"* form should be attached to the Interview Summary form, PTOL-413 at the completion of the interview and a copy should be given to applicant or applicant's representative.

14. SPECIAL MAIL STOPS FOR PATENT MAIL

Effective May 1, 2003, the United States Patent and Trademark Office has a new address for some mail. See Correspondence with the United States Patent and Trademark Office, 68 Fed. Reg. 14332 (March 25, 2003). The mail stop should generally appear as the first line in the address, but the term "Mail Stop" may be abbreviated "MS". Special mail stop designations should be used to allow forwarding of particular types of mail to the appropriate areas as quickly as possible. Such mail may be forwarded to the appropriate area without being opened. Only the specified type of document should be placed in an envelope addressed to one of these special mail stops. If any documents other than the specified type identified for each special mail stop are addressed to that mail stop, they will be significantly delayed in reaching the appropriate area for which they are intended.

Some correspondence may only be submitted via the Office's electronic filing system (EFS). Instructions on how to file and what can be filed via EFS are posted on the Office's Internet Web site <http://www.uspto.gov> under the Electronic Business Center section.

Please address mail to be delivered by the United States Postal Service (USPS) as follows:

Mail Stop ____
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Please address mail to be delivered by other delivery services (Federal Express (Fed Ex), UPS, DHL, Laser, Action, Purolater, etc.) as follows:

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop ____
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Mail Stop Designations	Explanation
Mail Stop 12	Contributions to the Examiner Education Program.
Mail Stop 313(c)	Petitions under 37 CFR 1.313(c) to withdraw a patent application from issue after payment of the issue fee and any papers associated with the petition, including papers necessary for a continuing application or a request for continued examination (RCE).
Mail Stop AF	Amendments and other responses after final rejection, other than an appeal brief.
Mail Stop Appeal Brief- Patents	For appeal briefs under 37 CFR 1.192 or reply briefs under 37 CFR 1.193(a).

Mail Stop Application Number	For fee and petitions under 37 CFR 1.182 to obtain Mail Stop Designation received and/or application number for patent applications prior to the Office's standard notification (return post card or the official "Filing Receipt," "Notice to File Missing Parts," or "Notice of Incomplete Application").
Mail Stop Comments- Patents	Public comments regarding patent related regulations and procedures.
Mail Stop Conversion	Requests under 37 CFR 1.53(c)(2) to convert a nonprovisional application to a provisional application and requests under 37 CFR 1.53(c)(3) to convert a provisional application to a nonprovisional application.
Mail Stop CPA	Requests for Continued Prosecution Applications (CPA's) under 37 CFR 1.53(d).
Mail Stop DD	Disclosure Documents or materials related to the Disclosure Document Program.
Mail Stop Design	The filing of all design patent applications that do not request expedited examination under 37 CFR 1.55.
Mail Stop EBC	Mail for the Electronic Business Center
Mail Stop ILS	Correspondence relating to international patent classification, exchanges and standards.
Mail Stop Expedited Design	Only to be used for the initial filing of design applications accompanied by a request for expedited examination under 37 CFR 1.155. (Design applicants seeking expedited examination may alternatively file a design application and corresponding request under 37 CFR 1.155 by hand-delivering the application papers and request directly to the Design Group Director's office.)
Mail Stop Issue Fee	All communications following the receipt of a PTOL-85, "Notice of Allowance and Fee(s) Due," and prior to the issuance of a patent should be addressed to Mail Stop Issue Fee, unless advised to the contrary. Issue fee payments can also be faxed to (703)746-4000. Assignments are the exception. Assignments (with cover sheets) should be faxed to (703)306-5995 or submitted in a separate envelope and be sent to Mail Stop Assignment Recordation Services, Director - US Patent and Trademark Office as shown below.
Mail Stop Missing Parts	Reply to the Notice to File Missing Parts of Application and associated papers and fees. Note that such correspondence may also be faxed to: 703-746-4060.
Mail Stop MPEP	Submissions concerning the Manual of Patent Examining Procedure.
Mail Stop Non-Fee Amendment	Non-fee amendments to patent applications. (Use Mail Stop AF for replies after final rejection.)

Mail Stop Patent Application	New patent applications and associated papers and fees.
Mail Stop Patent Ext.	Applications for patent term extension and any communications relating thereto.
Mail Stop Petition	Petitions to be decided by the Office of Petitions including petitions to revive and petitions to accept late payment of issue fees or maintenance fees.
Mail Stop PGPUB	Correspondence regarding publication of patent applications not otherwise provided, including requests for early publication made after filing, rescission of non-publication request, corrected patent application publication, refund of publication fee.
Mail Stop PGPUB - ABD	Petitions under 37 CFR 1.138 to expressly abandon an application to avoid publication of the application.
Mail Stop PGPUB Drawings	Drawings to be included in a patent application publication (replacement drawings for drawings included with a patent application on filing).
Mail Stop PCT	Mail related to applications filed under the Patent Cooperation Treaty.
Mail Stop Provisional Patent Application	The filing of all provisional patent applications and any communications relating thereto.
Mail Stop RCE	Requests for continued examination under 37 CFR 1.114.
Mail Stop Reconstruction	Correspondence pertaining to the reconstruction of lost patent files.
Mail Stop <i>Ex Parte</i> Reexam	Requests for Reexamination for original request papers only .
Mail Stop <i>Inter Partes</i> Reexam	Requests for <i>Inter Partes</i> Reexamination for <i>original</i> request papers and for all <i>subsequent</i> correspondence other than correspondence to the Office of the Solicitor (see 37 CFR §§ 1.1(a)(3) and 1.302(c)).
Mail Stop Reissue	All new and continuing reissue application filings.
Mail Stop Sequence	Submission of diskette for applications with sequence listings.

ADDRESS FOR TRADEMARK MAIL

The box designations previously listed in Trademark Manual of Examining Procedure, Section 305.01 are no longer in use. See Change of Address for Mailing Trademark Correspondence, which is posted on the USPTO Internet web site at: <http://www.uspto.gov/web/trademarks/tmmailingaddressnotice.htm>. Please address mail to be delivered by the United States Postal Service (USPS) as follows:

Commissioner for Trademarks
2900 Crystal Drive
Arlington, Virginia 22202-3514

**SPECIAL MAIL STOPS APPLICABLE TO
BOTH PATENT AND TRADEMARK MAIL**

The following special mail stop designations are applicable to both patent and trademark related mail, and the recommendations for "Special Mail Stops for Patent Mail" (above) should be followed for the types of mail listed below.

Please address mail to be directed to a mail stop identified below to be delivered by the United States Postal Service (USPS) as follows (unless otherwise instructed):

Mail Stop _____
Director of the US Patent and
Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Designations	Explanation
Mail Stop 3	Mail for the Office of Personnel from NFC
Mail Stop 6	Mail for the Office of Procurement.
Mail Stop 8	All papers for the Office of the Solicitor except communications relating to pending litigation and disciplinary proceedings; papers relating to pending litigation in court cases shall be mailed only to Office of the Solicitor, PO Box 15667, Arlington, VA 22215 and papers related to pending disciplinary proceedings before the Administrative Law Judge or the Director shall be mailed only to the Office of the Solicitor, PO Box 16116, Arlington, VA 22215.
Mail Stop 11	Mail for the Electronic Ordering Service (EOS).
Mail Stop 13	Mail for the Employee and Labor Relations Division.
Mail Stop 16	Mail related to refund requests.
Mail Stop 17	Invoices directed to the Office of Finance.
Mail Stop 24	Mail for the Inventor's Assistance Program, including complaints about Invention Promoters.
Mail Stop 171	Vacancy Announcement Applications.
Mail Stop Assignment Recordation Services	All assignment documents, security interests, and other documents to be recorded in the Assignment records. Note that documents with cover sheets faxed to (703)306-5995 are processed much more quickly than those submitted by mail.
Mail Stop Congressional Relations	Mail for the Office of Congressional Relations.
Mail Stop Document Services	All requests for certified or uncertified copies of patent or trademark documents.

Mail Stop EEO	Mail for the Office of Civil Rights.
Mail Stop Enforcement	Mail for the Office of Enforcement.
Mail Stop Interference	Communications relating to interferences and applications and patents involved in interference.
Mail Stop International Relations	Mail for the Office of International Relations.
Mail Stop M Correspondence	Correspondence related to maintenance fees other than payments of maintenance fees in patents. See below for the address for maintenance fee payments.
Mail Stop OED	Mail for the Office of Enrollment and Discipline.

Maintenance Fee Payments

Payments of maintenance fees in patents not submitted electronically over the Internet at www.uspto.gov should be mailed to:

United States Patent and Trademark
Office
PO Box 371611
Pittsburgh, PA 15250-1611

Deposit Account Replenishments

To send payment to replenish deposit accounts, send the payments to:

Director of the United States Patent and
Trademark Office
PO Box 70541
Chicago, IL 60673

Questions regarding the information provided on this page should be directed to: Darnell Jayne, Legal Advisor in the Office of Patent Legal Administration, by telephone at (703) 308-6906 or by e-mail addressed to Darnell.Jayne@USPTO.gov.

15. Notice of Office Plan to Cease Supplying Copies of Cited U.S. Patent References With Office Actions, and Pilot to Evaluate The Alternative of Providing Electronic Access to Such U.S. Patent

References

Summary

The United States Patent and Trademark Office (Office or USPTO) plans in the near future to: (1) cease mailing copies of U.S. patents and U.S. patent application publications (US patent references) with Office actions except for citations made

during the international stage of an international application under the Patent Cooperation Treaty and those made during reexamination proceedings; and (2) provide electronic access to, with convenient downloading capability of, the US patent references cited in an Office action via the Office's private Patent Application Information Retrieval (PAIR) system which has a new feature called "E-Patent Reference." Before ceasing to provide copies of U.S. patent references with Office actions, the Office shall test the feasibility of the E-Patent Reference feature by conducting a two-month pilot project starting with Office actions mailed after December 1, 2003. The Office shall evaluate the pilot project and publish the results in a notice which will be posted on the Office's web site (www.USPTO.gov) and in the Patent Official Gazette (O.G.). In order to use the new E-Patent Reference feature during the pilot period, or when the Office ceases to send copies of U.S. patent references with Office actions, the applicant must: (1) obtain a digital certificate from the Office; (2) obtain a customer number from the Office, and (3) properly associate applications with the customer number. The pilot project does not involve or affect the current Office practice of supplying paper copies of foreign patent documents and non-patent literature with Office actions. Paper copies of references will continue to be provided by the USPTO for searches and written opinions prepared by the USPTO for international applications during the international stage and for reexamination proceedings.

Description of Pilot Project to Provide Electronic Access to Cited U.S. Patent References

On December 1, 2003, the Office will make available a new feature, E-Patent Reference, in the Office's private PAIR system, to allow more convenient downloading of U.S. patents and U.S. patent application publications. The new feature will allow an authorized user of private PAIR to download some or all of the U.S. patents and U.S. patent application publications cited by an examiner on form PTO-892 in Office actions, as well as U.S. patents and U.S. patent application publications submitted by applicants on form PTO/SB08 (1449) as part of an IDS. The retrieval of some or all of the documents may be performed in one downloading step with the documents encoded as Adobe Portable Document format (.pdf) files, which is an improvement over the current page-by-page retrieval capability from other USPTO systems.

Steps to Use the New E-Patent Reference Feature During the Pilot Project and Thereafter

Access to private PAIR is required to utilize E-Patent Reference. If you don't already have access to private PAIR, the Office urges practitioners, and applicants not represented by a practitioner, to take advantage of the transition period to obtain a no-cost USPTO Public Key Infrastructure (PKI) digital certificate, obtain a USPTO customer number, associate all of their pending and new application filings with their

customer number, install no-cost software (supplied by the Office) required to access private PAIR and E-Patent Reference feature, and make appropriate arrangements for Internet access. The full instructions for obtaining a PKI digital certificate are available at the Office's Electronic Business Center (EBC) web page at:

<<http://www.uspto.gov/ebc/downloads.html>>. Note that a notarized signature will be required to obtain a digital certificate.

To get a Customer Number, download and complete the Customer Number Request form, PTO-SB125, at: <http://www.uspto.gov/web/forms/sb0125.pdf>. The completed form can then be transmitted by facsimile to the Electronic Business Center at (703) 308-2840, or mailed to the address on the form. If you are a registered attorney or patent agent, then your registration number must be associated with your customer number. This is accomplished by adding your registration number to the Customer Number Request form. A description of associating a customer number with an application is described at the EBC web page at: http://www.uspto.gov/ebc/registration_pair.html.

The E-Patent Reference feature will be accessed using a new button on the private PAIR screen. Ordinarily all of the cited U.S. patent and U.S. patent application publication references will be available over the Internet using the Office's new E-Patent Reference feature. The size of the references to be downloaded will be displayed by E-Patent Reference so the download time can be estimated. Applicants and registered practitioners can select to download all of the references or any combination of cited references. Selected references will be downloaded as complete documents as Adobe Portable Document Format (.pdf) files. For a limited period of time, the USPTO will include a copy of this notice with Office actions to encourage applicants to use this new feature and, if needed, to take the steps outlined above in order to be able to utilize this new feature during the pilot and thereafter.

During the two-month pilot, the Office will evaluate the stability and capacity of the E-Patent Reference feature to reliably provide electronic access to cited U.S. patent and U.S. patent application publication references. While copies of U.S. patent and U.S. patent application publication references cited by examiners will continue to be mailed with Office actions during the pilot project, applicants are encouraged to use the private PAIR and the E-Patent Reference feature to electronically access and download cited U.S. patent and U.S. patent application publication references so the Office will be able to objectively evaluate its performance. The public is encouraged to submit comments to the Office on the usability and performance of the E-Patent Reference feature during the pilot. Further, during the pilot period registered practitioners, and applicants not represented by a practitioner, are encouraged to experiment with the feature, develop a proficiency in using the feature, and establish new internal processes for using the new access to the cited U.S. patents and U.S. patent application publications to prepare for the anticipated cessation of the current Office practice of

access to the E-Patent Reference feature during its evaluation of the pilot.

Comments

Comments concerning the E-Patent Reference feature should be in writing and directed to the Electronic Business Center (EBC) at the USPTO by electronic mail at eReference@uspto.gov or by facsimile to (703) 308-2840. Comments will be posted and made available for public inspection. To ensure that comments are considered in the evaluation of the pilot project, comments should be submitted in writing by January 15, 2004.

Comments with respect to specific applications should be sent to the Technology Centers' customer service centers. Comments concerning digital certificates, customer numbers, and associating customer numbers with applications should be sent to the Electronic Business Center (EBC) at the USPTO by facsimile at (703) 308-2840 or by e-mail at EBC@uspto.gov.

Implementation after Pilot

After the pilot, its evaluation, and publication of a subsequent notice as indicated above, the Office expects to implement its plan to cease mailing paper copies of U.S. patent references cited during examination of non provisional applications on or after February 2, 2004; although copies of cited foreign patent documents, as well as non-patent literature, will still be mailed to the applicant until such time as substantially all applications have been scanned into IFW.

For Further Information Contact

Technical information on the operation of the IFW system can be found on the USPTO website at <http://www.uspto.gov/web/patents/ifw/index.html>. Comments concerning the E-Patent Reference feature and questions concerning the operation of the PAIR system should be directed to the EBC at the USPTO at (866) 217-9197. The EBC may also be contacted by facsimile at (703) 308-2840 or by e-mail at EBC@uspto.gov.

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to WILLIAM D CUMMING whose telephone number is 703-305-4394. The examiner can normally be reached on Tuesday and Wednesday 10:30am to 8:30pm.

17. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **WILLIAM TROST** can be reached on 703-308-5318. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

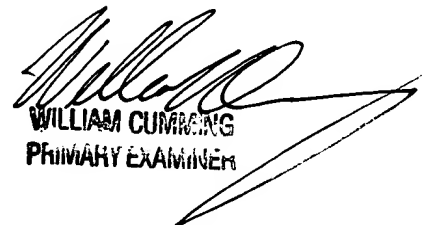
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wdc



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PATENT AND
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